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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/798,145	03/11/2004	Frank H. Boehm JR.	1199-2 DIV CON	5569
28249	7590	12/19/2006		
DILWORTH & BARRESE, LLP 333 EARLE OVINGTON BLVD. UNIONDALE, NY 11553			EXAMINER SAN MIGUEL, ANITZA M	
			ART UNIT	PAPER NUMBER
			3733	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	12/19/2006	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/798,145

Applicant(s)

BOEHM ET AL.

Examiner

Anitza M. San Miguel

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 16-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 16-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>7/16/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

The disclosure is objected to because of the following informalities: the Cross Related Application paragraph (in Preliminary Amendment dated March 11, 2004) should be changed to

- - This application is a Continuation of U.S. Patent Application Serial No. 10/365,187 (now U.S. Patent 6,730,126) filed on February 12, 2003 which is a Divisional of U.S. Patent Application Serial No. 10/010,314 (now U.S. Patent No. 6,666,891) filed on November 13, 2001 which claims priority to U.S. Provisional Patent Application Serial No. 60/248,137, filed on November 13, 2000, the contents of which are incorporated herein by reference - - .

Application Serial No. 10/365,187 is no longer co-pending, therefore the continuing data should be updated to reflect the current status of each application.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 16 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Winslow et al. (Reference U.S Patent "6,083,225) in view of Adler (Reference U.S. Patent "3,747,603").

Winslow et al. (herein Winslow) discloses at least one expandable intervertebral disc spacer and a tool for delivering the at least one disc spacer (col. 9, lines 13-19). A retractor is used as a tool for delivering the at least one disc spacer through one of the dilators to an intervertebral disc space. Winslow discloses the claimed invention except for a at least one guide needle and a plurality of dilators. Gravlee et al. (herein Gravlee) teaches a at least one guide needle and a plurality of dilators, a first dilator having an inner diameter that is slightly larger than an outer diameter of the guide needle, and each dilator having an inner diameter successively larger than an outer diameter of a previous dilator (col. 2, lines 30-38) in order to dilate a passage with increased accuracy and reduced trauma. It is noted that the probe insertion tip disclosed by Gravlee et al. can function as the guide needle. It would have been obvious to one skilled in the art at the time the invention was made to construct the kit of Winslow having at lest one guide needle and a plurality of dilators in view of Gravlee, in order to dilate a passage with increased accuracy and reduced trauma.

Claims 16-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Winslow et al. (Reference U.S Patent "6,083,225) in view of Adler (Reference U.S. Patent "3,747,603") in further view of Ertl et al. (Reference U.S. Patent "6,692,502).

The combination of Winslow and Gravlee discloses the claimed invention except for a bone matrix material. Erth discloses a bone matrix material for bone grafting any

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bone deficit. It would have been obvious to one skilled in the art at the time the invention was made to use the kit of the combination of Winslow as modified by Gravlee, having a bone matrix material, in order bone graft any bone deficit.

Claims 16 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Winslow et al. (Reference U.S Patent "6,083,225) in view of Orth et al. (Reference Pub. No.: 2002/0002360).

Winslow discloses the claimed invention except for the package being sterilized after assembly. Orth et al. (herein Orth) teaches a kit comprised in a container for holding the various kit components together, typically being a pouch, tray, box, tube, or the like. The kit components will be sterilized and maintained sterility within the packaging [0015]. It would have been obvious to one skill in the art at the time the invention was made to construct the kit of Winslow in view of Orth in order maintain sterility within the package. It is noted that all the components of the claimed invention can inherently be assembled into a kit.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Adler; and Cragg et al. are cited art of interest.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anitza M. San Miguel whose telephone number is 571-272-3279. The examiner can normally be reached on 8:00 am - 5:30 pm EST (M-F).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eduardo Robert can be reached on 571-272-4719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

ASML



EDUARDO C. ROBERT
SUPERVISORY PATENT EXAMINER